

**INSTRUCTOR INFORMATION**

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**Name:** Alok Pandey

**E-Mail:** All students should use the email system available in the [Cognella active learning system](#).

**Emergency Email:** [alok.pandey@csn.edu](mailto:alok.pandey@csn.edu)

**IMPORTANT: Any e-mail you send me should include your name, and Course in which you are enrolled followed by a subject.** Any email received without your name and Course/Section runs a significant risk of not answered.

**Phone: Office:** 702.651.4793

**Office:** North Las Vegas (Formally Cheyenne) Campus, Telecom Building (A-building), Office room: 2708

**Office Hours:** Thursday: 1:00 - 3:00 (North Las Vegas Campus)

Tuesday and Thursday: 5:00 PM – 6:00 PM and 8:50 – 9:20 PM – (North Las Vegas Campus)

By appointment – any time

**Online office hours:** Tuesday: 10-11:00 AM (Online - Math 104 only)

Wednesday: 10:00 – 11:00 AM (Online - Math 120 only)

**COURSE INFORMATION**

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**Title:** MATH 120, Fundamental of College Mathematics

**Description:** Topics include problem solving, sets, probability, statistics, geometry, and consumer mathematics. It may include logic, mathematical systems, measurement, and graph theory. Course is broad in scope, emphasizing applications.

**Goals:**

- Determine the probability and odds of an event.
- Determine the expected value of an event.
- Read, create and understand tree diagrams.
- Work with basic statistical operations.
- Identify, interpret, and create various statistical graphs and plots.
- Calculate perimeters and areas.
- Work with congruent and similar triangles.
- Solve problems involving simple and compound interest.
- Perform basic calculations with installment buying and mortgages.
- Apply and extend all concepts.

**Days/Time:** This course meets online only

**Semester Duration:** Tuesday, January 22, 2019 through Friday, May 19, 2019

**Required Textbook: When Are We Ever Going To Use This Stuff** 7<sup>th</sup> Edition by Matovina and Yates. Published by Cognella Academic Publishing.

**Obtaining the book:** The textbook and access to Cognella Active Learning website may be purchased at a CSN bookstore, but the most economical way is to buy them directly from publisher. Steps for buying them from the publisher is given below (Another document, that I emailed you, explains it too):

1. Go to <https://store.cognella.com/90987>
2. Check the box for “Active Learning”, which will give you access to the online materials. As soon as you select the box, a pull-down menu will appear. Select section number of your Math 120 class (1009 or 1010).
3. Check the box for book now. Select your choice for e-book or printed book from the pull-down menu.
4. Follow the instructions on the page for rest of the process including setting up an account for web site.

**Accessing the book:** If you purchase the digital version of the book, it is available to you immediately. If you purchase the paperback version of the book, the first 30% of the book is available to you right away in digital format, while book arrives to you in due course of time. To access the digital version of the book, login to your Cognella student store account and click on the link for “My Digital Materials.”

**Accessing Course Materials:** After completing your purchase of Active Learning access, an email with a subject of “Course Invitation” will come to you from the publisher. If you don’t see that email, be sure to check your “spam” or “junk” folder. Within that email, click on the “Get Started” link, which will help you to create a password, set your time zone, and register your online access.

**Calculators:** A scientific Calculator will be needed in this class. A good scientific calculator can be purchased for about \$10-15. Please don’t purchase graphing calculator as it will not be allowed. A simple scientific calculator will work.

## INSTRUCTION/COURSEWORK DETAILS/GRADING

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**Study:** You are expected to read the text, do the suggested homework problems, study the indicated web site materials, and ask questions when necessary and without hesitation.

**Textbook Exercises:** Unless directed otherwise, you are to assume every exercise in the textbook should be completed. Or, at the very least, you should do enough of them so that you understand the corresponding concepts. These assignments are there for your benefit; please do not submit your exercises **for grading, but send them to me if you want me to answer any questions on them. If you want me to grade your work send them to me and I will send feed back to you.**

**Syllabus Quiz:** You must begin the class by taking a quiz over the information and policies laid out in this syllabus. **You MUST get a perfect score on the Syllabus Quiz to get access to any of the Section Quizzes.** If you do not get a perfect score, review your answers on this syllabus, and then retake the Syllabus Quiz. Any work missed due to a failure to take or get a perfect score on the Syllabus Quiz will be scored as a zero, no make-up work will be allowed or offered for any reason, and no deadline will be extended. At the end of the term, the 10 points earned on the Syllabus Quiz will count towards final grade.

**Chapter Quizzes:** During the semester, there will be 12- chapter quizzes (Quiz-1 to Quiz-12); two per chapter. Each Quiz will consist of 10 questions and will have a limited time to finish. First Chapter quiz will cover first three sections of the chapter and the second-chapter quiz will cover last two sections of the chapter. You only have one attempt and once you start a quiz the timer starts and it does not stop if you close your computer. You must finish a quiz in one setting.

Due dates and time for the specific quizzes are indicated in the schedule found at the end of this syllabus. Any quiz not taken on or before the specified deadline will be scored as a zero. Absolutely no make-up quiz will be offered for any reason.

One lowest quiz score will be dropped.

**Chapter Exams:** There will be three chapter exams (Exam-1 to Exam-3). They must be completed by their given deadlines. You have only one attempt for each exam. They are timed exams and the timer starts when one starts the exam. Each exam will cover two chapters of the textbook – that is – exam-1 will cover first two chapters. **All three exams must be taken at the testing center or with me.** PLEASE READ ON.

**These exams will be given online, but will be password protected and must be taken in a proctored environment, such as at a college testing center.** A scientific calculator and one page( one-sided) of handwritten notes will be allowed, but phones, other web-enabled devices, books and printed notes will not be permitted. If you plan to take any of these exams at a testing center not located on a CSN campus, you will need to arrange with your instructor at least two weeks in advance of the deadline.

**Quiz and Exam availability:** This course is not self-paced. Except for the week that includes the Self Evaluation Quiz, and the week containing Quizzes 9 and 10, one assessment will be available at a time. Each assessment will become

available at 12:01 am the day after the deadline for the previous assessment. The deadline for each Quiz and Exam is at a time that is early in the evening. If it is better for you to complete your Quizzes late at night, or on weekends, please be aware that they are available for an entire week, and that you do not have to wait until the day of the deadline to complete them.

Complete results for each quiz will be available to you immediately after completion. Complete results for each exam will be available at some point on the day after the deadline for the exam. Once the complete results are available, you can view your responses as well as the correct answers. To do so, use the Grades tool inside the course and click on the assessment you would like to view.

**Computer Grading:** It is important to note that the computer will be grading the online quiz/exam questions. It is your responsibility to review your graded work. If you have an answer that you believe has been graded incorrectly, you should send me an email, and let me know the specific quiz and problem number(s) you would like me to examine. I will either correct the grading, or explain why you lost points. **Do realize, however, no credit shall be awarded for deductions made because of ignoring or neglecting to follow any listed instructions.**

**Class Grades Calculation:** There are 300 possible points (Syll Quiz (10) + 11 highest quizzes (110) + three Exams (180)) in this class. Point totals will be rounded to the nearest whole point, and +/- grades will not be assigned.

Class grades will be assigned according to the following scale:

270- 300: A      240-269.9: B      210-239.9: C      180-209.9: D      Below 180: F

**Extra Credit:** Absolutely no extra credit will be offered in this class. Simply put, those in need of additional points should be spending their time studying the requisite material in the class. And, those who do not need to put in the extra time studying will not be in need of any extra points.

## COLLEGE/COURSE POLICIES

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**ADA Notice:** If you qualify for "reasonable accommodations" in accordance with the American with Disabilities Act (<http://www.ada.gov/>), you must notify me in writing of such by the end of the first week of class. Visit <https://www.csn.edu/disability-resource-center> for more information additional about the Disability Resource Center (DRC). Please know all requests for any accommodations must be approved by the CSN's Disability Resources Center (DRC).

**Withdrawal:** CSN Policy prohibits an instructor from issuing a W grade. If you stop attending class or quit completing the required work, you CANNOT be assigned an automatic "W" or "Withdrawal" grade; you will receive a grade based on the total points you have earned in the class, which, more than likely, will be an "F" to connote you have failed. **If you wish to be withdrawn from this class, it is your responsibility to officially drop the class by the drop date listed in the college catalog/schedule of classes.**

**Credit to audit.** After certain period if you drop the course you will not get any refund back and you will receive whatever your earned grade (possibly an F) on the transcript. I recommend that once you realize that you are unable to devote the needed time to the course, consider changing the course registration from credit to audit. This way you will still be learning the course material and if you continue to do course work you will get "satisfactory" grade for the class instead of a possible F.

**Date of Last Attendance:** Due to financial aid guidelines, CSN instructors are required to record a "Date of Last Attendance" (DOLA) for any student issued a failing grade. Any student who receives an F grade in this class shall have the corresponding DOLA recorded as the date on which the last coursework was submitted. If an F is to be issued and all the coursework is completed, the DOLA will be recorded as "FULLY." If no coursework is submitted, the DOLA will be recorded as "NEVER."

**Free Tutoring:** Take advantage of the free tutoring offered at CSN. In addition to the free 1-on-1 tutoring offered through Tutorial Services, you could also utilize the free and unlimited group tutoring offered in the Math Resource Centers (MRC) on each campus. Visit <https://www.csn.edu/math-science-resource-centers> for in-person tutoring information. CSN also provides students with 24/7 online tutoring through Smarthinking.com., and, to access the Smarthinking.com services, follow the link found inside the CSN Canvas class shell.

**Honesty Policy: Cheating of any kind will not be tolerated.** Any incident of academic dishonesty will result in a failing grade for the class, and be reported to the College, and the most serious course of action will be recommended.

#### DISCLAIMER & ADVICE

**Disclaimer:** As the instructor, I reserve the right to change the class syllabus, schedule, and policies as necessary. You will be given appropriate notification in the event of any corresponding changes.

Math 120 Course Schedule				Spring 2098
Week	Dates	Sections	Textbook Assignment	Due Dates
1	1/22 – 1/26	Syllabus & Website reviews	Complete the “Syllabus and Information” Module	Complete Syllabus quiz ASAP
2	Ends 1/31	1.1--1.3	Exercises for sections 1.1, 1.2 & 1.3	Complete Quiz-1 by 8:00 PM on 1/31/19
3	Ends 2/7	1.4--1.5	Exercises for sections 1.4 & 1.5	Complete Quiz-2 by 8:00 PM on 2/7/19
4	Ends 2/14	2.1--2.3	Exercises for sections 2.1, 2.2 & 2.3	Complete Quiz-3 by 8:00 PM on 2/14/19
5	Ends 2/21	2.4--2.5	Exercises for sections 2.4 & 2.5	Complete Quiz-4 by 8:00 PM on 2/21/19
<b>6</b>	<b>Ends 3/1</b>	<b>Exam-1</b>	<b>Chapter 1 &amp; 2</b>	<b>Complete Exam-1 by 3:30 PM on Thu 2/28</b>
7	Ends 3/7	3.1—3.3	Exercises for sections 3.1, 3.2, & 3.3	Complete Quiz-5 by 8:00 PM on 3/7/19
8	Ends 3/14	3.4—3.5	Exercises for sections 3.4 & 3.5	Complete Quiz-6 by 8:00 PM on 3/14/19
9	Ends 3/21	4.1—4.3	Exercises for sections 4.1, 4.2, & 4.3	Complete Quiz-7 by 8:00 PM on 3/21/19
10	Ends 3/28	4.4—4.5	Exercises for sections 4.4 & 4.5	Complete Quiz-8 by 8:00 PM on 3/28/19
<b>11</b>	<b>Ends 4/5</b>	<b>Exam-2</b>	<b>Chapter 3 &amp; 4</b>	<b>Complete Exam-2 by 3:30 PM on Fri 4/5</b>
12	Ends 4/11	5.1—5.3	Exercises for sections 5.1, 5.2, & 5.3	Complete Quiz-9 by 8:00 PM on 4/11
13	Ends 4/25	5.4—5.5	Exercises for sections 5.4 & 5.5	Complete Quiz-10 by 8:00 PM on 4/25
14	Ends 5/2	6.1—6.3	Exercises for sections 6.1, 6.2, & 6.3	Complete Quiz-11 by 8:00 PM on 5/2
15	Ends 5/9	6.4—6.5	Exercises for sections 6.4 & 6.5	Complete Quiz-12 by 8:00 PM on 5/9
<b>16</b>	<b>Ends 5/16</b>	<b>Exam-3</b>	<b>Chapter 3 &amp; 4</b>	<b>Complete Exam-3 by 3:30 PM on Thursday 5/16</b>